SEPTEMBER 1961 — 34 NO. IR 3
VOLUME 87 PART 2

Your attention is invited

NEWS OF THE IRRIGATION AND DRAINAGE DIVISION OF ASCE

AMERICAN SOCIETY OF CIVIL ENGINEERS FOUNDED 1852

JOURNAL OF THE IRRIGATION AND DRAINAGE DIVISION
PROCEEDINGS OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS

DIVISION ACTIVITIES

IRRIGATION AND DRAINAGE DIVISION

Proceedings of the American Society of Civil Engineers

NEWS

September, 1961

PURPOSE OF THE IRRIGATION AND DRAINAGE DIVISION

"To promote advancement in thought and practice in the field, to clarify fundamental principles, to disseminate knowledge of current practice and the results obtained therefrom, and to bring about closer acquaintance of those engaged in irrigation and drainage engineering. The field of work of the Irrigation and Drainage Division includes all engineering concerned with the application of water to land or the removal of water therefrom and all of the technical, economic, and social aspects of the association of engineering with these problems. In brief, it covers all phases of irrigation, drainage, and reclamation of lands."

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Kenneth O. Kauffman, Newsletter Editor
902 East "G" Street, McCook, Nebraska

Note.—No. 1961-34 is Part 2 of the copyrighted Journal of the Irrigation Division, Proceedings of the American Society of Civil Engineers, Vol. 87, No. IR3, September, 1961.
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CALENDAR OF EVENTS

October 16-20, 1961. National Convention, ASCE, New York, Hotel Statler. No Irrigation and Drainage Division sessions.

February 19-23, 1962. National Convention, ASCE, Houston, Texas, Hotel Shamrock. The Irrigation and Drainage Division will conduct four half-day sessions at the Houston Convention. There will be one joint session with the Construction Division, one session under the sponsorship of the Drainage Committee, one session under the sponsorship of the Research Committee and one on the general subject of Irrigation and Drainage.

May 14-18, 1962. National Convention, ASCE, Omaha, Nebraska, Sheraton-Fontenelle Hotel.

October 15-19, 1962. National Convention, ASCE, Detroit, Michigan.

March, 1963. National Convention, ASCE, Atlanta, Georgia.

October, 1963. National Convention, ASCE, San Francisco, California.

The Irrigation and Drainage Division plans to sponsor four half-day sessions at the Omaha, Detroit, and Atlanta conventions and six sessions at the San Francisco convention.

IRRIGATION AND DRAINAGE PAPERS NEEDED

The Irrigation and Drainage Division Executive Committee wishes to encourage members of the Division to prepare papers for publication in the Division Journal. Too often those who have something new to add to the general knowledge feel that they must deliver the paper at some convention in order for the paper to be published. This is not true. Anyone who has information which he would like to report to others in the field should prepare a technical paper. The paper should follow the "Basic Requirements for Manuscripts" found on the inside of the cover sheet of the Journal and should be submitted, in triplicate, to Harold T. Larsen, Manager of Technical Publications at the Society's Office in New York. The paper will be sent to the Publications Committee of Irrigation and Drainage Division for review and comment. This Committee is made up of members registered in the Division and is listed on the first page of the Journal. All members are technically qualified and anxious to contribute their time to the review of manuscripts so that the greatest knowledge may be imparted to the members of the Division. Not all papers will be accepted for publication. Some may not offer sufficient new knowledge to warrant publication. If the paper is accepted for publication in the Journal, it is then reproduced in the Transactions.

If you feel that you can contribute to the improvement of knowledge in the fields of Irrigation or Drainage—BE AN AUTHOR.

CHANGES OF COMMITEE PERSONNEL

There have been several changes in personnel of the Committee on Irrigation and Drainage Practices in Humid Areas and in the Task Committee on Water Rights Laws in States in Humid Areas. The following are the present members:

Committee on Irrigation and Drainage Practices in Humid Areas:

Marion C. Boyer, Chairman
Paul H. Berg
Elmer W. Gain
Dale W. Granger
Harold A. Scott, Sr.

Task Committee on Water Rights Laws in States in Humid Areas:

Donald P. Schiesswohl, Chairman
Robert L. Hardman

MEETING OF PUBLICATIONS COMMITTEE

The Publications Committee held its first meeting in three years at Salt Lake City on June 3, 1961. Those present included the Chairman, Dean F. Peterson, Calvin C. Warnick, Harry F. Blaney, Sr. and Paul H. Berg. The committee was in unanimous agreement that there should be more papers concerning Irrigation and Drainage submitted for review and publication. It was evident to the Committee that many people feel that a paper must be presented at a convention before it is eligible for publication. This is not true.

The Committee was also of the opinion that it could use a little help in the review process. If there is anyone who would like to assist the Publications Committee by reviewing papers covering certain specialty fields, we would suggest that you write the Editor of the Newsletter.

The Committee reports also that there seems to be a dearth of discussion of technical papers. We would like to urge a freer discussion of papers on Irrigation and Drainage in order to bring more knowledge to the field. It is urged that authors invite people in their field to discuss their papers and, also, it is urged that members of the Division should feel free to volunteer discussion of papers in which they have an interest. The Publications Committee is working hard to disseminate technical information among the members of the Irrigation and Drainage Division and invites the cooperation of members of the Division in advancing their work.

ANNUAL CONVENTION IN NEW YORK CITY

"Metropolis—1980" is the theme for the annual convention, which returns to New York City, October 16-20, for the first time in three years. Almost all of ASCE's technical divisions will sponsor meetings related to the theme. The fifth annual Civil Engineering Show will be held in conjunction with the convention, which again will be held at the Hotel Statler-Hilton.

The luncheon speakers also will cover facets of the same theme. They are: Monday, Robert C. Weaver, Administrator of the Housing and Home Finance Agency, who will speak on "Urban Affairs;" Tuesday, Samuel S. Baxter, Water Commissioner and Chief Engineer of the Philadelphia Water Department, whose subject is "Utilities of the Future;" Wednesday, Austin J. Tobin, Executive Director, The Port of New York Authority, speaking on "Mass Transportation of People;" and Thursday, Rex Whitton, Federal Highway Administrator, who will discuss "Urban Highways of the Future."

New officers will be installed at the annual business meeting to be held during the week. Dr. G. Brooks Earnest, of Cleveland, is the official nominee

for President. A feature of the convention will be an "open house" for all members at the new United Engineering Center. The Engineering Mechanics Division is devoting one of its sessions to the general subject of Research in Civil Engineering. This session which will be held at 2:15 p.m. on October 19, should be of particular interest to all Civil Engineers.

REVOLUTIONARY CHANGE IN NATIONAL MEETINGS

A revolutionary change is underway in the type of national meetings to be held by ASCE. Beginning in 1962, the convention-type program, at which all technical divisions have the opportunity of sponsoring technical sessions, will be gradually abandoned. Instead, each national meeting will be devoted to a single engineering subject, such as water resources engineering, transportation engineering, structural engineering, environmental engineering, etc., and only those technical divisions related to the subject will participate in the program. This extraordinary departure from the traditional type of program is expected to raise the horizons of interest in the national meetings and become a greater service to ASCE members. ASCE thus is taking the leadership in providing more profitable conferences for its members in meeting the complex engineering problems of the day.

ENGINEERING AND SCIENCE DEFINED

A committee of the School of Engineering at the Massachusetts Institute of Technology has developed a definitive answer to the question of the differences between engineering and science. A statement on the subject says in part: "Engineering is a profession. Its members do creative work which results in things that people need or want. These things may be highways, submarines, inter-planetary vehicles, antibiotics or television. Science, on the other hand, is a search for knowledge. The science of mathematics extends abstract knowledge. The science of physics extends organized knowledge of the physical world. In each of these consideration can be limited to a carefully isolated aspect of reality." "The engineer must deal with reality in all its aspects. He must not only be competent to use the most classical and the most modern parts of science, but he must be able to devise and make a product which will be used by people. Moreover, he must assume professional responsibility insofar as the safety and well-being of people are affected by the things he makes."

TO ASCE MEMBERS OF CHI EPSILON

Chi Epsilon Fraternity, national civil engineering honor society, has officially offered to supply the funds necessary to furnish a formal Conference Room at the United Engineering Center. This room will be on the ASCE executive floor, will be named "The Chi Epsilon Room," and will be available for conference and committee meetings.

Pledges are not expected, but single voluntary gifts, from members and friends of the Fraternity are earnestly solicited. An attractive Commemoration Book has been planned in which donors of $100 or more (singly or in groups) may inscribe the name of a revered person.

On request, the national chairman, Samuel Kramer (8701 Shore Road, Brooklyn 9, New York) will be glad to mail a descriptive brochure. Your gift is tax deductible if you make your check out to "ASCE CHI EPSILON ROOM FUND" and mail it to Mr. Donald D. King, ASCE, 33 West 39th Street, New York 18, N. Y. Your gift will be automatically credited to the quota of your initiating Chapter. The national goal is $10,000.

NEW ASCE TRANSACTIONS SOON TO GO TO PRESS

In mid-May all society members received a brochure describing the revamping that the TRANSACTIONS are undergoing. Since that time thousands of orders have been received, but still more should have reached us.

Beginning with Volume 126 (1961), TRANSACTIONS will be issued as a standard set of five parts, containing all Division Journal papers, according to the following schedule:

Part I	Engineering Mechanics, Hydraulics, Soil Mechanics and Foundations
Part II	Construction, Structural
Part III	Irrigation and Drainage, Power, Sanitary Engineering
Part IV	Air Transport, City Planning, Highway, Pipeline, Surveying and Mapping, Waterways and Harbors
Part V	Professional Practice

Members of ASCE can enter standing orders to any one, or more, of Parts I through IV at $3.50 each per year; the price for Part V will be $2.00 per year. Members can effect a considerable saving by subscribing to all five parts—the total price of $16.00 is reduced to $10.00.

Part V is reserved for the papers published in the Journal of Professional Practice, which is of interest to all members, regardless of their technical specialties. Part V will also contain the President's Annual Address, abstracts of the memoirs of deceased members, Final Reports of Committees in the Department of Conditions of Practice, and combined subject and author indexes for Parts I through V.

The TRANSACTIONS will be mailed in December of each year and the bills will be sent out at that time.

Use the coupon below to place your order. Please do not send in a coupon if you previously mailed the original order card.

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RESEARCH CONFERENCE ON SHEAR STRENGTH OF COHESIVE SOILS

The papers presented at the ASCE Research Conference on Shear Strength of Cohesive Soils held at the University of Colorado, in June 1960, have been published in a single hardbound volume. The book contains the Foreword, Conference Program, Photographic Report, Opening Address, and all 26 Conference Papers. Also included are the written discussions and closures, and the reports by the moderators of panel sessions. The book has been prepared in an attractive cloth binding and is complete with a Table of Contents—Subject Index and Index of Authors and Discussers.

The list price for this volume is $10.00 per copy (net); no discounts are available.

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SYMPOSIUM ON STILLING BASINS AND ENERGY DISSIPATORS

In answer to a need to make available in one volume a series of papers on Stilling Basins and Energy Dissipators (from the Journal of the Hydraulics Division), Proceedings Symposium No. 5 has been prepared.

This 312 page book contains eight informative papers and all of their discussion. The paperbound volume is available at a price of $6.00 with the usual 50% discount to Society members and public and school libraries.

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